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ning of each regular issue of the PCT Gazette.

(54) Title: USE OF SOLUBLE FORMS OF CD83 AND NUCLEIC ACIDS ENCODING THEM FOR THE TREATMENT OR  
PREVENTION OF DISEASES

(57) Abstract: The present invention provides for the use of soluble forms of CD83 and nucleic acids encoding them for the treat-  
ment of diseases caused by the dysfunction or undesired function of a cellular immune response involving dendritic cells, T cells  
and/or B cells. The invention moreover provides soluble CD83 molecules specifically suited for said purpose, antibodies against  
said specific soluble CD83 proteins and assay methods and kits comprising said antibodies.

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# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K14/705 C07K16/28 A61K38/17 A61K39/395 C12N5/10  
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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97/29781 A (IMMUNEX CORP) 21 August 1997 (1997-08-21) cited in the application claims page 13, line 16 - line 24; examples 1,7,8	15, 18, 20-29
X	US 5 710 262 A (ZHOU LIANG-JI ET AL) 20 January 1998 (1998-01-20) cited in the application column 2, line 37 - column 3, line 16 column 20, line 7 - line 67 example II  ----- -/--	1-3, 11-16, 18,22-30

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>LECHMANN MATTHIAS ET AL: "Overexpression, purification, and biochemical characterization of the extracellular human CD83 domain and generation of monoclonal antibodies."  PROTEIN EXPRESSION AND PURIFICATION,  vol. 24, no. 3, April 2002 (2002-04),  pages 445-452, XP002251677  April, 2002  ISSN: 1046-5928  abstract  *Cloning of the Extracellular domain of human CD83 (hCD83ext)*  *Production of Monoclonal Antibodies against Human CD83*  *Expression and Purification of HCD83ext*</p>	<p>15-19,  21-23,  25,26</p>
X	<p>LECHMANN MATTHIAS ET AL: "The extracellular domain of CD83 inhibits dendritic cell-mediated T cell stimulation and binds to a ligand on dendritic cells."  JOURNAL OF EXPERIMENTAL MEDICINE,  vol. 194, no. 12,  17 December 2001 (2001-12-17), pages  1813-1821, XP002251678  December 17, 2001  ISSN: 0022-1007  abstract  *Cloning of hCD83ext*  *Expression and Purification of hCD83ext*  Production of mAbs Against Human CD83*</p>	<p>15-19,  21-23,  25,26</p>
A	<p>LECHMANN MATTHIAS ET AL: "Role of CD83 in the immunomodulation of dendritic cells."  INTERNATIONAL ARCHIVES OF ALLERGY AND IMMUNOLOGY,  vol. 129, no. 2,  20 October 2002 (2002-10-20), pages  113-118, XP009015843  ISSN: 1018-2438  page 114, right-hand column, paragraph 4 -  page 115, right-hand column, paragraph 3</p>	<p>1-4,  10-14</p>
A	<p>SMITH D B ET AL: "SINGLE-STEP PURIFICATION OF POLYPEPTIDES EXPRESSED IN ESCHERICHIA COLI AS FUSIONS WITH GLUTATHIONE S-TRANSFERASE"  GENE, ELSEVIER BIOMEDICAL PRESS.  AMSTERDAM, NL,  vol. 67, no. 1, 1988, pages 31-40,  XP002033198  ISSN: 0378-1119  *Construction and structure of the pGEX vectors*  abstract; figure 1</p>	<p>18</p>

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